

A G E N D A

Evolution of Combustion Technology to Support National Energy Needs January 14 - 16, 2002, Sheraton World Resort Orlando

Monday, January 14

6 - 8 pm Registration and Reception

Tuesday, January 15

7:00 am Registration and Continental Breakfast

9:00 am Evolution of Combustion Technology Workshop Perspectives, Goals, and Desired Outcomes

*Carl Bauer, Associate Director, Office of Coal and Environmental Systems U.S. Department of Energy,
National Energy Technology Laboratory*

9:30 am Utilities: Putting the Paste Into the Tube

Robert Sansone, Vice President, Engineering XL Insurance Corp.

10:00 am Break

10:20 am Clean Coal Power Initiative

*Thomas A. Sarkus, Division Director, Coal Power Projects Division U.S. Department of Energy,
National Energy Technology Laboratory*

10:50 am Advanced Combustion Technology Is Insurable

*Richard E. Weinstein, Project Manager, Government
Services, Parsons Infrastructure & Technology Group Inc.*

11:10 am Steam Turbine Designs for Coal Fired Generation

Michael J. Boss, Principal Engineer, Steam Turbine Technology General Electric

11:30 am Group Lunch

1:00 pm Breakout Groups

- Cost and Technology Goals to Keep Coal Combustion Technologies Competitive
- What are the Roles for Industry and Government
- Power Industry Trends and Market Drivers, Commercialization Barriers and Strategies

3:00 pm Break

3:30 pm Near and Future Developments and Products

John L. Marion, Manager, Contract R&D, Powerplant Laboratories, Alstom Power Inc.

3:50 pm Very High-Temperature Heat Exchanger Performance When Firing Low-Grade Fuels

*Michael L. Jones, Associate Director of Industrial Relations and Technology Commercialization,
Energy & Environmental Research Center of the University of North Dakota*

4:10 pm Partial Gasification Combined Cycle Technology - A Practical Pathway for Clean Coal Advancement

Robert S. Giglio, Foster Wheeler Development Corp.

4:30 pm Low-NOx Slagging Combustion for a Low Emission Boiler System (LEBS)

Robert A. Lisauskis, Director, Environmental Process Engineering, Babcock Borsig Power, Inc.

4:50 pm Development of ITM Oxygen Technology for Combustion and Gasification Applications

Philip W. Winkler, Manager, Government Systems Air Products & Chemical, Inc.

5:10 pm Questions and Answers



Wednesday, January 16

7:00 am Registration and Continental Breakfast

8:00 am U.S. Department of Energy, National Energy Technology Laboratory's Compliance Technology R&D Program
Thomas J. Feeley, III, Product Manager, Environmental and Water Resources
U.S. Department of Energy, National Energy Technology Laboratory

8:20 am Mercury Control Update
Scott A. Renninger, Project Manager, Environmental Project Division
U.S. Department of Energy, National Energy Technology Laboratory

8:40 am Combustion Sensors
Robert R. Romanosky, Product Manager, Power Systems Advanced Research
U.S. Department of Energy, National Energy Technology Laboratory

9:00 am Break

9:20 am Breakout Groups

- Barrier Issues and Near- to Mid-term RD&Ds for Coal Combustion Systems to Develop Strong Positions in Long-Term Technologies
- Potential for Ultra Super Critical Cycle and Advanced Materials
- CO₂ Sequestration-Ready Combustion Systems

11:30 pm Lunch

1:00 pm Wrap-up of Breakout Sessions

3:00 pm Adjourn

